



City of Duluth

DEPARTMENT OF PUBLIC WORKS/UTILITIES

Engineering Division

211 City Hall • Duluth MN 55802

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Page 1 of 2

Date: April 15, 2011

City of Duluth Bid #11-0290

Job Description: Construction of Gas Mains and Services at Various City Locations

City Project No. 0904GS

Addendum No. 2

BID FORM

Remove the Exhibit A attached to the Request for Bids Form included with the specifications and replace with the Exhibit A attached to this addendum. A mobilization bid item and bid items for the 4th Avenue E. between 3rd Street and 4th Street Gas Replacement have been added to Exhibit A.

SPECIFICATIONS

SPECIAL PROVISIONS, PAGE 5:

Section SP-4: Add the following paragraph to Section SP-4:

- H. The PE gas main shall be installed across steam lines in accordance with the details in the plans or as directed by the Engineer. Where indicated on the details, the Department will furnish and place a ¼ inch thick steel plate, 4 feet wide and 8 feet long, between the existing steam line and the new PE gas main. The Department shall also furnish and place Foamglas Cellular Glass Insulation blocks, 4 inches thick, 4 feet wide and 8 feet long, between the existing steam line and the new PE gas main where indicated on the details or as directed by the Engineer. The Department shall wrap a 2 inch thick Foamglas Cellular Glass Insulation pipe covering around the new PE gas main for an 8 foot length where indicated on the details or as directed by the Engineer.

SPECIAL PROVISIONS, PAGE 6:

Section SP-9: Add the following paragraph to Section SP-9:

- B. 4th Avenue E. between 3rd Street and 4th Street Gas Replacement (Job No. 0904GS-41)

Essentia Health will be doing parking lot construction at this location. The work in this contract includes replacing the existing gas line in 4th Avenue E. between 3rd Street and 4th Street with an 8" PE gas main in the location shown on the plans and furnishing and installing a new 2" PE gas main in 2nd Avenue E. between 3rd Street and 4th Street Alley to provide a two way feed. The Contractor shall coordinate with Essentia Health and all other contractors involved with this project. This gas main shall be completed by June 17, 2011.

SPECIAL PROVISIONS, PAGE 9:

Section SP-19: Add the following Section SP-19:

SP-19 (2021) MOBILIZATION

The mobilization bid item shall be paid once at the contract amount bid regardless of how many times the Contractor may, for any reason, shut down work on the contract or move equipment away from the project and then back again.

PLANS

Add the construction plans attached to this addendum for 4th Avenue E. between 3rd Street and 4th Street and 2nd Avenue E. between 3rd Street and 4th Street Alley to the plans issued with the specifications.

This addendum shall become part of the contract documents and supersedes the specifications where indicated. Please acknowledge receipt of this addendum in the space provided on the bid form.

All other terms and conditions remain the same.

Yours truly,

A handwritten signature in blue ink, reading "Larry L. Winner".

Larry L. Winner, P.E.
Project Engineer

CC: Dennis Sears, Purchasing Agent

EXHIBIT A - ADDENDUM NO. 2

Item No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	Mobilization	Lump Sum	1		
2	2104.501	Remove PE Gas Main	Lin Ft	1500		
3	2104.501	Remove Steel Gas Main Less Than 6-Inch	Lin Ft	500		
4	2104.501	Remove Steel Gas Main 6-Inch and Larger	Lin Ft	800		
5	2451.503	Granular Backfill (LV)	Cu Yd	30		
6	2451.601	Boulder Excavation (Trench)	Cu Yd	15		
7	2451.601	Rock Excavation (Trench)	Cu Yd	15		
8	2505.602	Building Inspection	Each	50		
9	2505.602	Televising of Sanitary or Storm Sewer Lateral	Each	20		
10	2505.602	Location of Sanitary or Storm Sewer Lateral by Sonde Method	Each	15		
11	2505.602	Excavation for Potholing Sanitary or Storm Sewer Lateral, 0' - 7' Deep	Each	15		
12	2505.602	Excavation for Potholing Sanitary or Storm Sewer Lateral, 7' - 10' Deep	Each	10		
13	2505.602	Furnish & Install Meter Connections (Size less than 400 CFH)	Each	4		
14	2505.602	Furnish & Install Meter Connections (Size 400 CFH or greater)	Each	4		
15	2505.602	Furnish & Install 3" PE Valve and Valve Box (No Excavation)	Each	3		
16	2505.602	Furnish & Install 2" PE Valve and Valve Box (No Excavation)	Each	12		
17	2505.602	Furnish & Install 1" PE Valve and Valve Box (No Excavation)	Each	6		
18	2505.602	Reconnect Existing 1/2" PE Services to New Main	Each	10		
19	2505.602	Excavation for Cut-Off of HP Gas Main or Gas Service (Dept. to F & I Cut-Off Materials)	Each	5		
20	2505.602	Excavation for Connecting HP Gas Service to Gas Main or Connecting New HP Gas Main to Existing Gas Main	Each	200		
21	2505.602	Emergency Repair of Gas Line	Each	2		
22	2505.603	Furnish & Install 8" PE Gas Main with Granular Encasement	Lin Ft	800		
23	2505.603	Furnish & Install 8" PE Gas Main by Horizontal Directional Drill	Lin Ft	200		
24	2505.603	Furnish & Install 6" PE Gas Main with Granular Encasement	Lin Ft	300		
25	2505.603	Furnish & Install 6" PE Gas Main by Horizontal Directional Drill	Lin Ft	300		
26	2505.603	Furnish & Install 3" PE Gas Main	Lin Ft	1500		
27	2505.603	Furnish & Install 3" PE Gas Main or Service by Horizontal Directional Drill	Lin Ft	2000		
28	2505.603	Furnish & Install 2" PE Gas Main	Lin Ft	4000		
29	2505.603	Furnish & Install 2" PE Gas Main or Service by Horizontal Directional Drill	Lin Ft	2000		
30	2505.603	Furnish & Install 1" PE Gas Main	Lin Ft	2000		
31	2505.603	Furnish & Install 1" PE Gas Service	Lin Ft	200		
32	2505.603	Furnish & Install 1" or 1/2" PE Gas Main or Service by Horizontal Directional Drill	Lin Ft	600		
33	2505.603	Furnish & Install 1/2" PE Gas Service	Lin Ft	7000		

Item No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
4TH AVENUE E. BETWEEN 3RD STREET AND 4TH STREET GAS REPLACEMENT						
34	2104.503	Remove Concrete Pavement/Driveway	Sq Ft	450		
35	2104.505	Remove Bituminous Pavement	Sq Yd	220		
36	2104.511	Sawing Concrete Pavement - Full Depth	Lin Ft	40		
37	2104.513	Sawing Bituminous Pavement - 4" Depth	Lin Ft	400		
38	2201.503	Concrete Base, Irregular Width 3032HE (7")	Sq Yd	50		
39	2211.502	Aggregate Base, Class 5 (LV)	Cu Yd	60		
40	2360.501	Type SP 12.5 Wearing Course Mixture (3,B)	Ton	50		
41	2451.601	Boulder Excavation (Trench)	Cu Yd	5		
42	2451.601	Rock Excavation (Trench)	Cu Yd	5		
43	2505.602	Excavation for Connecting New HP Gas Main to Existing Gas Main	Each	4		
44	2505.602	Furnish & Install 2" PE Valve and Valve Box (No Excavation)	Each	1		
45	2505.603	Furnish & Install 8" PE Gas Main with Granular Encasement	Lin Ft	290		
46	2505.603	Furnish & Install 2" PE Gas Main	Lin Ft	201		
47	2563.601	Traffic Control	Lump Sum	1		

GRAND TOTAL:

Initial